Metadata Infrastructure for OA: The Need for Article-Level Open-Access Metadata

Todd A. Carpenter, NISO Executive Director

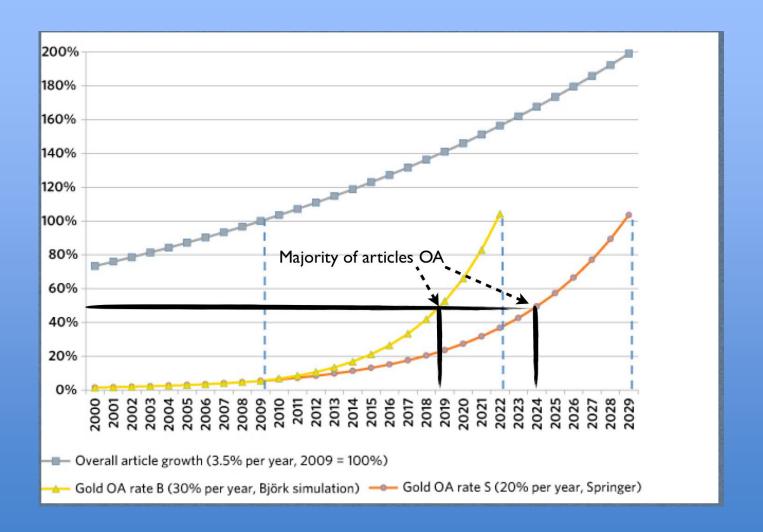
CENDI Meeting

May 9, 2013 - Alexandria, VA



- Non-profit industry trade association accredited by ANSI with 150+ members
- Mission of developing and maintaining technical standards related to information, documentation, discovery and distribution of published materials and media
- Volunteer driven organization: 400+ spread out across the world
- Represent US interests to ISO TC 46 & also serve as Secretariat for ISO TC46/SC9 - Identification & Description
- Responsible for standards like ISSN, DOI, Dublin Core metadata, DAISY digital talking books, OpenURL, MARC records, and ISBN (indirectly)

Percentage of articles published as OA



(Graph reprinted from R. Poynder, "Open Access by Numbers," *Open and Shut*, June 19, 2011.

More Mandates



Register your Institutional Open Access Mandate HERE

Please also register your Institutional Repository in ROAR if not yet registered

(For Open Educational Resources mandates please see OER Policy Registry.)

Total Mandates to Date (by type)

Institutional Mandates (164) Proposed Institutional Mandates (6)

Sub-Institutional Mandates (36) Proposed Sub-Institutional Mandates (4)

Multi-Institutional Mandates (4) Proposed Multi-Institutional Mandates (6)

Funder Mandates (80) Proposed Funder Mandates (11)

Thesis Mandates (98)



Implications?

EXECUTIVE OFFICE OF THE PRESIDENT OFFICE OF SCIENCE AND TECHNOLOGY POLICY

WASHINGTON, D.C. 20502

February 22, 2013

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

FROM:

John P. Holdren

SUBJECT: Increasing Access to the Results of Federally Funded Scientific Research

1. **Policy Principles**

The Administration is committed to ensuring that, to the greatest extent and with the fewest constraints possible and consistent with law and the objectives set out below, the direct results of federally funded scientific research are made available to and useful for the public, industry, and the scientific community. Such results include peer-reviewed publications and digital data.

Scientific research supported by the Federal Government catalyzes innovative breakthroughs that drive our economy. The results of that research become the grist for new insights and are assets

Potential Use Cases - Users

- Discovery of and access to OA material via a MetaIndex
- Reader understanding of access status
- General public/non-professional researcher understanding of access status
- Researcher understanding of re-use permissions
- Citing version of OA item

Potential Use Cases - Content Providers/Aggregators

- Use of content, for repositories
- Text-mining content
- Conflicting OA licensing statements made when article metadata supplied to repositories
- Potential discovery of and access to OA articles in hybrid journals
- Depositing research/articles in IR
- Producing DOI/citation for OA items

Potential Use Cases - Funder, government, and institutions

- Funders tracking policy compliance
- Reporting on policy compliance or performance

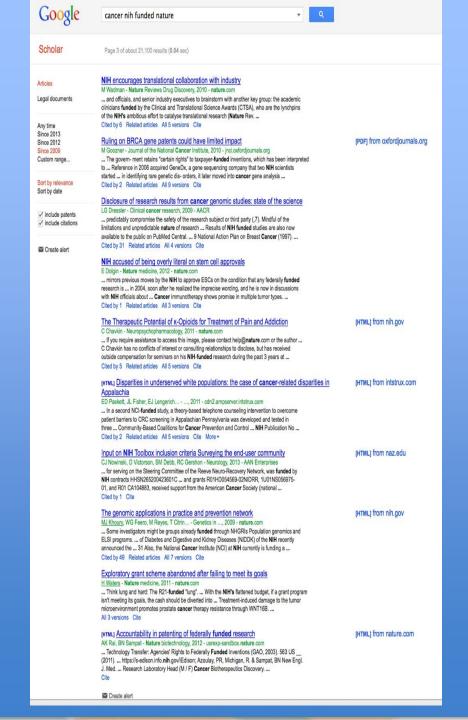
<CAVEAT>

I am not (nor is NISO) advocating for Open Access

Not for more, greater, freer, or cheaper Open Access

But if publishers are going to adopt Open Access

the community needs
to be able to machine process
that fact



CC-BY
CC-BY-NC
CC-BY-SA
<ONIX-PL>

Working Group Members

wellcome library































A Bit More Information

- NISO Workroom: <u>www.niso.org/workrooms/OAmetadata</u>
- Scholarly Kitchen:

http://scholarlykitchen.sspnet.org/2012/12/05/as-hybridopen-access-grows-the-scholarly-community-needs-articlelevel-oa-metadata/

Serials Review:

http://dx.doi.org/10.1016/j.serrev.2013.02.001 (subs Req'd)

Thank you!

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